

Form PTO-1449 (Modified)

Page 1 of 1

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S  
INFORMATION DISCLOSURE STATEMENT  
(Use several sheets if necessary)

Atty. Docket No.:

362.003

Serial No.:

09/912,049

Applicant: Rehberger et al.

Filing Date: July 24, 2001

Group: 1615

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	AA						
	AB						
	AC						
	AD						
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TECH CENTER 1600/2900

## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	AO							
	AP							

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>m</i>	AQ	C.A. Davidson and T.G. Rehberger, "Characterization of <i>Propionibacterium</i> Isolated from the Rumen of Lactating Dairy Cows, abstract book from the 95 <sup>th</sup> General Meeting of the American Society for Microbiology (1995)
	AR	
	AS	
	AT	

EXAMINER

*Gene Mark*

DATE CONSIDERED

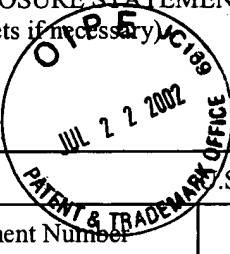
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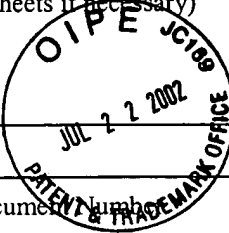
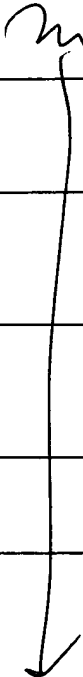
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 (Modified) Page 1 of 5 <b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S          INFORMATION DISCLOSURE STATEMENT</b> (Use several sheets if necessary)				Atty. Docket No.: 362.003		Serial No.: 09/912,049	
<div style="position: relative; height: 100px;"> <div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; border: 1px solid black; border-radius: 50%; text-align: center; color: white; font-weight: bold;">             OFFICE              JUL 22 2002              PATENT &amp; TRADEMARK           </div> </div>				Applicant: Rehberger et al.			
				Filing Date: July 24, 2001		Group: 1615	
<b>REFERENCE DESIGNATION U.S. PATENT DOCUMENTS</b>							
Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
<i>m</i> <div style="position: relative; height: 100px;"> <div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; border-left: 1px solid black; border-right: 1px solid black; border-bottom: 1px solid black;"></div> </div>	AA	4,981,705	1/1/1991	Tomes			<div style="position: relative; height: 100px;"> <div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; border: 1px solid black; border-radius: 50%; text-align: center; color: white; font-weight: bold;">               RECEIVED                JUL 25 2002                TECH CENTER 1600/2900             </div> </div>
	AB	5,026,647	6/25/1991	Tomes et al.			
	AC	5,139,777	8/18/1992	Ott et al.			
	AD	5,501,857	3/26/1996	Zimmer			
	AE	5,529,793	6/25/1996	Garner et al.			
	AF	5,534,271	7/9/1996	Ware et al.			
	AG	5,945,333	8/31/1999	Rehberger			
	AH	6,120,810	9/19/2000	Rehberger et al.			
	AI	6,221,650	4/24/2001	Rehberger			
	AJ						
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<b>FOREIGN PATENT DOCUMENTS</b>							
	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	AS						
<b>OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
<i>m</i>	AT	Amaral-Phillips, D.M., A.D. McGilliard, G.L. Lindberg, J.J. Veenhuizen, J.J., and J. W. Young. 1993. Effects of decreased availability of glucose for dairy cows. J. Dairy Sci. 76:752-761					
EXAMINER <i>Gene Marx</i>				DATE CONSIDERED <i>1/3/03</i>			
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Form PTO-1449 (Modified) Page 2 of 5 <b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S          INFORMATION DISCLOSURE STATEMENT</b> (Use several sheets if necessary)		Atty. Docket No.: 362.003		Serial No.: 09/912,044			
<div style="border: 1px solid black; border-radius: 50%; padding: 10px; display: inline-block;">             RECEIVED              JUL 22 2002              PATENT &amp; TRADEMARK OFFICE           </div>		Applicant: Rehberger et al.		<div style="border: 1px solid black; padding: 5px; transform: rotate(-15deg); display: inline-block;">             RECEIVED              JUL 25 2002              TECH CENTER 1600/2900           </div>			
		Filing Date: July 24, 2001				Group: 1615	
<b>REFERENCE DESIGNATION U.S. PATENT DOCUMENTS</b>							
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	AU						
	AV						
<b>FOREIGN PATENT DOCUMENTS</b>							
		Document Number	Date	Country	Class	Subclass	Translation
							Yes No
	AW						
<b>OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
m	AX	Beam, S.W. and W. R. Butler. 1998. Energy Balance, metabolic hormones, and early postpartum follicular development in dairy cows fed prilled lipid. J. Dairy Sci. 81:121-131.					
	AY	Canfield, R.W. and W.R. Butler. 1991. Energy balance, first ovulation and the effects of naloxone on LH secretion in early postpartum dairy cattle. J. Anim. Sci. 69: 740-746					
	AZ	Carrol, D.J., M.J. Jerred, R.R. Grummer, D.K. Combs, R.A. Pierson, and E.R. Hauser. 1990. Effect of fat supplementation and immature alfalfa to concentrate ratio on plasma progesterone, energy balance, and reproductive traits of cattle. J. Dairy Sci 73:2855-2863					
	BA	Gong, J.G., D. McBride, T.A. Bramley, and R. Webb. 1994. Effects of recombinant bovine somatotropin, insulin-like growth factor I and insulin on bovine granulosa cell steroidogenesis in vitro. J. Anim. Sci. 143:157-164					
	BB	Grummer, R.R. and D.J. Carroll. 1991. Effects of dietary fat on metabolic disorders and reproductive performance of dairy cattle. J. Anim. Sci. 69: 3838-3852					
	BC	Grummer, R.R. and D.J. Carroll. 1988. A review of lipoprotein cholesterol metabolism: importance to ovarian function. J. Anim. Sci. 66:3160-3173					
↓	BD	Hawkins, G.E., K.A. Cummins, M. Silverio and J.J. Jilek. 1985. Physiological effects of whole cottonseed in the diet of lactating dairy cows. J. Dairy Sci .68:2608-2614					
EXAMINER <i>Lune Marx</i>				DATE CONSIDERED 1/3/03			
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Form PTO-1449 (Modified) Page 3 of 5 <b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S          INFORMATION DISCLOSURE STATEMENT</b> (Use several sheets if necessary)				Atty. Docket No.:  362.003		Serial No.:  09/910249	
<div style="position: relative; height: 100px;"> <div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; border: 1px solid black; border-radius: 50%; text-align: center; color: white; font-weight: bold; line-height: 1;">             OFFICE              JUL 22 2002              PATENT &amp; TRADEMARK           </div> </div>				Applicant: Rehberger et al.		Filing Date: July 24, 2001	
				Group: 1615			
REFERENCE DESIGNATION U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	BE						
	BF						
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation
							Yes No
	BG						
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
<div style="font-size: 2em;">2</div>	BH	Huhtanen, P., H. Miettinen, and M. Ylinen. 1993. Effect of increasing ruminal butyrate on milk yield and blood constituents in dairy cows fed a grass silage-based diet. J. Dairy Sci. 76:1114-1124					
	BI	Jonsson, N.N., R.C. Daniel, D. Mayer and R. Verrall. 1998. Effects of oral dosing with calcium propionate on total calcium and glucose concentrations in the plasma of the cow. Zentralbl Verinarmed A 45:127-136 (Abstract only)					
	BJ	Kimura, M., Nakao, T., Moriyoshi, M. and Kwata, K. 1987. Luteal phase deficiency as a possible cause of repeat breeding in dairy cows. Brit. Vet. J. 143:560-566					
	BK	Koprowski, J.A. and H.A. Tucker. 1973. Bovine serum growth hormone, corticoids and insulin during lactation. Endocrinology 93:645-651					
	BL	Kronfeld, D.S., S. Donoghue, J.M. Naylor, K. Johnson and C.A. Bradley. 1980. Metabolic effects of feeding protected tallow to dairy cows. J. Dairy Sci. 63:545552					
	BM	McArdle, C.A., Kohl, C., Rieger, K., and Wehrenberg, U. 1991. Effects of gonadotropins, insulin, and insulin like growth factor I on ovarian oxytocin and progesterone production. Mol Cell Endocrinol. 78:211-220					
<div style="font-size: 1.5em;">✓</div>	BN	McArdle, C.A. and Holtorf, A.P. 1989. Oxytocin and progesterone release from bovine corpus luteal cells in culture: Effects of insulin-like growth factor I, insulin and prostaglandins. Endocrinology 124:1278-1286					
EXAMINER <span style="font-family: cursive; font-size: 1.2em;">Gene Mauer</span>				DATE CONSIDERED <div style="font-size: 1.5em;">1/3/03</div>			
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REFERENCE DESIGNATION U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
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	BP						
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation
							Yes No
	BQ						
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
m	BR	Oshio, S., I. Tahata and H. Minato. 1987. Effects of diets differing in ratios of roughage to concentrate on microflora in the rumen of heifers. J. Gen. Appl. Microbiol. 33:99					
	BS	Ronge, H., Blum, J. Clement, C., Jans, F., Leuenberger, H., and Binder, H. 1988. Somatomedin C in dairy cows related to energy and protein supply and to milk production. Anim. Prod. 47:165-183					
	BT	Saumande, J. 1991. Culture of bovine granulosa cells in a chemically defined serum-free medium: The effect of insulin and fibronectin on the response to FSH. J. Steroid Biochem. Mol. Biol. 38:189-196					
	BU	Schams, D., Koll, R., and Li, C.H. 1988. Insulin-like growth factor I stimulates oxytocin and progesterone production by bovine granulosa cells in culture. J. Endocrinol 116:97-100					
	BV	Sklan, D., U. Moallem and Y. Folman. 1991. Effect of feeding calcium soaps of fatty acids on production and reproductive responses in high producing lactating cows. J. Dairy Sci. 74:510-517					
	BW	Smith, et al. 1978. Effects of feeding protected tallow to dairy cows in early lactation. J. Dairy Sci. 61:747-756					
↓	BX	Spicer, L.J., A. Alpizar, and S.E. Ecternkamp. 1993. Effects of insulin, insulin-like growth factor 1, and gonadotropins on bovine granulosa cell proliferation, progesterone production, estradiol production, and (or) insulin-like growth factor I production in vitro. J. Anim. Sci. 71:1232-1241					
EXAMINER <i>Y Gene Marx</i>				DATE CONSIDERED <i>1/3/03</i>			
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				Applicant: Rehberger et al.		Filing Date: July 24, 2001	
				Group: 1615			
REFERENCE DESIGNATION U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
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FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation
							Yes No
	BZ						
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
	CA	Spicer, L.J. and C.S. Chamberlain. 1998. Influence of cortisol on insulin- and insulinlike growth factor 1 (IGF-1)-induced steroid production and on IGF-1 receptors in cultured bovine granulosa cells and thecal cells. Endocrine 9:153-161					
	CB	Spicer, L.J., W.B. Tucker. and G.D. Adams. 1990. Insulin-like growth factor-I in dairy cows: Relationships among energy balance, body condition score, ovarian activity, and estrous behavior. J. Dairy Sci. 73:929-937					
	CC	Spicer, L.J., R.K. Vernon, W.B. Tucker, R.P. Wettemann, J.F. Hogue, and G.D. Adams 1993. Effects of inert fat on energy balance, plasma concentrations of hormones and reproduction in dairy cows. J. Dairy Sci. 76:2664-2673					
	CD	Staples, C.R. and W.W. Thatcher. 1990. Relationship between ovarian activity and energy status during the early postpartum period of high producing dairy cows. J. Dairy Sci. 73:938-947					
	CE	Talavera, F., C.S. Park and G.L. Williams. 1985. Relationships among dietary lipid intake, serum cholesterol and ovarian function in Holstein heifers. J. Anim. Sci. 60:1045-1051					
	CF	Villa-Godoy, A., T.L. Hughes, R.S. Emery, L.T. Chapin and R.L. Fogwell. 1988. Association between energy balance and luteal function in lactating cows. J. Dairy Sci. 71:1063-1072					
	CG						
	CH						
	CI						
	CJ						
EXAMINER <i>Yune Marx</i>				DATE CONSIDERED <i>1/3/03</i>			

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